

Akin Akisanya

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EDUCATION

University of Pittsburgh, B.S. Computer Engineering

Apr. 2022

Full Tuition Scholar, Dean's List, Honors College

GPA: 3.69/4.00

Relevant Coursework: Data Structures and Algorithms, Problem Solving in C++, Embedded Systems

Currently Enrolled: Computer Networks, Computer Organization and Architecture

SKILLS

- **Languages:** C++, Python, C, JavaScript, HTML / CSS, Assembly (ARM), VHDL, MATLAB
- **Technologies:** Git, Flask, SQLAlchemy, SQLite, Bootstrap, Selenium, Unix, Jinja, MathGL

EXPERIENCE

Software and Controls Intern | Eaton, South Milwaukee, WI

June 2020 - Aug. 2020

- Increased the robustness of a SharePoint (SP) data table by using JavaScript (jQuery) and built-in SP capabilities to implement data field validation and parent-child relationships between columns
- Improved the usability of the table by adding over 20 columns for data that was previously stored in a legacy MS Access database, allowing users to filter on those columns using native SP functionality

Technical Consultant | University of Pittsburgh I.T., Pittsburgh, PA

Aug. 2019 - Apr. 2020

- Communicated effectively with students, faculty, and staff to provide in-person technical assistance
- Resolved over 190 cases involving O.S. repair, data recovery, virus removal, application installation, networking, and other areas

Software Development Intern | Hibernsense, Pittsburgh, PA

May 2019 - Aug. 2019

- Enhanced the JavaScript API used for communicating with smart thermostats, vents, and sensors by enabling functionality that was specified in the API documentation but not yet realized
- Ensured compliance with industry standards by implementing correct HTTP response status codes and pushed changes to the codebase using Git/Bitbucket
- Assembled over 500 system hardware components and ran Python scripts on a Raspberry Pi to test component functionality

PROJECTS

Personal Website: www.akinakisanya.com (for additional information)

Roulette | Python, Flask, SQLAlchemy, HTML / CSS, Bootstrap 

- Developed a full-stack web app that helps users make decisions and supports account registration
- Utilized Flask and SQLAlchemy (connected to an SQLite database) for backend account management and Bootstrap for frontend styling

EzEnroll | Python, Flask, Selenium, HTML / CSS 

- Built a Python/Flask web app that adds RateMyProfessor (RMP) support to Pitt class search
- Leveraged the Selenium library to scrape pertinent data on current course listings from the class search website and aggregated the results with RMP data

ACTIVITIES & Awards

National Society of Black Engineers | Fundraising Committee

- Coordinate fundraising for Pitt's NSBE chapter to offset costs for national convention by planning and executing events like the soul food fundraiser and Valentine's Day rose sale

JPMorgan Chase & Co Sophomore Edge Fellow

- Selected as one of 400 sophomores to participate in an early insight program that explored software engineering in the financial sector

National Society of Leadership and Success Candidate, University of Pittsburgh Chapter

- Selected as one of 13% of students based on academic achievement and leadership potential